EAST SEAR LH

L Number	32672 164 67900 661 353 0 7	(silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide) anatase photocatalytic and ((titanium adj dioxide) or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide))	USPAT	Time stamp 2004/02/03 11:35 2003/06/07 12:40 2002/09/24 15:26 2002/09/24 15:26 2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:33 2002/09/24 17:33
	65874 83043 3721 485 82 403 184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	tio\$8 (silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide) anatase photocatalytic and ((titanium adj dioxide) or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2004/02/03 11:35 2003/06/07 12:40 2002/09/24 15:26 2002/09/24 15:26 2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
	83043 3721 485 82 403 184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide) anatase photocatalytic and ((titanium adj dioxide) or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8) (and ((silicon adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) (428/131-173).CCLS.) (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2003/06/07 12:40 2002/09/24 15:26 2002/09/24 15:26 2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
	3721 485 82 403 184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	nitride) or (indium\$ltin adj oxide) anatase photocatalytic and ((titanium adj dioxide) or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 15:26 2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	485 82 403 184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	nitride) or (indium\$ltin adj oxide) anatase photocatalytic and ((titanium adj dioxide) or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$ltin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 15:26 2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	485 82 403 184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	anatase photocatalytic and ((titanium adj dioxide) or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33 2002/09/24 17:33
-	82 403 184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) (428/131-173).CCLS.) (428/131-173).CCLS.) tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2004/08/26 10:09 2004/08/25 14:15 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33 2002/09/24 18:05
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	or tio\$8) (photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) (428/131-173).CCLS.) (428/131-173).CCLS.) tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:09 2002/09/24 16:09 2002/09/24 16:23 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33 2002/09/24 18:05
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/5).CCLS. (502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:09 2002/09/24 16:16 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.19).CCLS. (428/131-173).CCLS. (428/131-173).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:09 2002/09/24 16:16 2002/09/24 16:23 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/5).CCLS. (502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:16 2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(indium\$1tin adj oxide)) (photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/5).CCLS. (502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:16 2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(photocatalytic and ((titanium adj dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (502/527.23).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:16 2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	184 241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	dioxide) or tio\$8)) not ((photocatalytic and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (502/527.23).CCLS. (428/131-173).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:16 2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	and ((titanium adj dioxide) or tio\$8)) and ((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (502/527.23).CCLS. (428/131-173).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	((silicon adj dioxide) or (silicon adj nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/527.23).CCLS. (502/527.23).CCLS. (428/131-173).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	nitride) or (indium\$1tin adj oxide))) (502/527.19).CCLS. (502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(502/527.19).CCLS. (502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	241 71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(502/527.19).CCLS. (502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	71 12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(502/5).CCLS. (502/527.23).CCLS. (428/131-173).CCLS. ((428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:23 2002/09/24 16:27 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(502/527.23).CCLS. (428/131-173).CCLS.) ((428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:27 2002/09/24 16:26 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:54 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	12307 6 854 66100 33375 32672 164 67900 661 353 0 7	(428/131-173).CCLS. ((428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:26 2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	6 854 66100 33375 32672 164 67900 661 353 0 7	((428/131-173).CCLS.) and photocatalytic (502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	854 66100 33375 32672 164 67900 661 353 0 7	(502/527.11-527.24).CCLS. tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 16:26 2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 16:59 2002/09/24 17:32 2002/09/24 17:33
-	66100 33375 32672 164 67900 661 353 0 7	tio\$82 tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT	2002/09/24 17:23 2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	33375 32672 164 67900 661 353 0 7	tio\$8"2" "TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT	2002/09/24 16:53 2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	32672 164 67900 661 353 0 7	"TIO.SUB.2" photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT USPAT	2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	164 67900 661 353 0 7	photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT USPAT USPAT USPAT	2002/09/24 16:54 2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	67900 661 353 0 7	photocatalytic and ((titanium adj dioxide) or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT USPAT USPAT	2002/09/24 16:55 2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	67900 661 353 0 7	or "TIO.SUB.2") and color titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT USPAT	2002/09/24 16:59 2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	661 353 0 7	titanium adj (dioxide or oxide) photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT	2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	661 353 0 7	photocatalytic (502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT USPAT	2002/09/24 16:59 2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33
-	353 0 7 1207	(502/350).CCLS. 5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT USPAT	2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33 2002/09/24 18:05
-	1207	5166122.URPN. ("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT USPAT	2002/09/25 13:07 2002/09/24 17:32 2002/09/24 17:33 2002/09/24 18:05
-	1207	("4333858" "4370262" "4466947" "4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 17:32 2002/09/24 17:33 2002/09/24 18:05
-	1207	"4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 17:33
-		"4847234" "4849392" "4851381" "4925825").PN. (428/167).CCLS.		2002/09/24 18:05
-		"4925825").PN. (428/167).CCLS.	USPAT	2002/09/24 18:05
-		(428/167).CCLS.	USPAT	2002/09/24 18:05
-		("39/0532" "/205075" "/7/0062"	USPAT	2002/09/24 18:05
-	17		TICDAM	
-		"4758457" "4829627" "4876135"	USPAT	2002/09/24 18:05
-		"4917932" "4921742" "4968548"		
-		"5020460" "5170506" "4908548"		[
-	ľ	"5028468" "5170526" "5171619"		
-		"5198278" "5227214" "5358768"		·
-	2-2	"5902662" "6219876").PN.		ļ
-		(502/350).CCLS.	USPAT	2002/09/25 13:07
-	44260	titanium adj dioxide	USPAT	2002/09/25 13:07
-	119	((502/350).CCLS.) and (titanium adj	USPAT	2002/09/25 13:07
-	1	dioxide)	ODIM	2002/09/23 13:07
	0	(titanium adj dioxide) and 4695301.pn.	II C D A M	2000/00/05 15 5-1
-	1	catalyst and 4695301.pn.	USPAT	2002/09/25 13:26
-	4	(("5102853") or ("4847234") or ("4695301")	USPAT	2002/09/25 13:26
-	"	or ("3931049")).PN.	USPAT	2002/09/26 12:12
_	2	//"6326004"\ om /"5407720"\		
	46525	(("6326094") or ("5407738")).PN.	USPAT	2003/06/06 12:56
		titanium adj dioxide	USPAT	2003/06/06 12:56
	0	((("6326094") or ("5407738")).PN.) and	USPAT	2003/06/06 13:01
		(titanium adj dioxide)		1 2, 20 10.01
-		"4514459".PN.	USPAT	2003/06/06 12:57
-	12	5407738.URPN.	USPAT	2003/00/00 12:5/
		("5407738" "5472798" "5749633").PN.		2003/06/06 13:53
-	ō	6326094.URPN.	USPAT	2003/06/06 13:00
	3	("4514459".PN. 5407738.URPN. (("5407738"	USPAT	2003/06/06 13:01
	~ ·	"5472798" "5740622"\ DY \\	USPAT	2003/06/06 13:01
i		"5472798" "5749633").PN.)) and (titanium		
	_ '	adj dioxide)		
	7	("3816117" "4514459" "5407738"	USPAT	2003/06/06 13:02
	1	"5472798" "5638198" "5814367"		13.02
	'	"5869929").PN.	1	ļ
	;	5248436.URPN.	USPAT	2002/06/06 12 62
	;		i	2003/06/06 13:03
	0	(428/38).CCLS.	USPAT	2003/06/06 14:28
	0 6	(428/38).CCLS.	USPAT	2003/06/06 14:34
	0 503 1099	(428/207).CCLS.		2003/06/06 14:35
	0 503 1099 5531	(428/207).CCLS. (428/913).CCLS.	USPAT	
	0 6 503 1099 5531 448	(428/207).CCLS. (428/913).CCLS. ((428/913).CCLS.) and (titanium adi	USPAT USPAT	2003/06/06 14:35
	503 1099 5531 448	(428/207).CCLS. (428/913).CCLS.		2003/06/06 14:35

	-	7	("3816117" "4514459" "5407738"	USPAT	2003/06/06 14:44
-			"54/2/98" "5638198" "5814367"	1	
3			"5869929").PN.		
1	1		6248436.URPN.	USPAT	2003/06/06 14:46
0.058AT 0.05			("4514459" "5407738" "5472798").PN.	USPAT	2003/06/06 14:46
"5008:43" "5073008" "5407738" "5277798" "5571624" "5849383".N. 0 6490090.URPN. "5477798" "5472798" USPAT 2003/06/06 14:47 2003/06/06 14:47 2003/06/06 14:47 2003/06/06 14:47 2003/06/06 14:47 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 16:43 20	_	1			2003/06/06 14:46
## ## ## ## ## ## ## ## ## ## ## ## ##		9	("3/111/6" "4514459" "4595634"	USPAT	2003/06/06 14:47
0 6490090,URPN. "5472798" "5749633").PR. USPAT 2003/06/06 14:47 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 16:13 2003/06/06 16:44 2003/06/06			5000143" "5073008" "5407738"		
3	_		5472798" "5571624" "5849383").PN.		
0 6326094, URPN. 3 75472798").PN. USPAT 2003/06/06 14:48 0 6306529.URPN. 3 74914459" 79407738" 75472798").PN. USPAT 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 14:49 2003/06/06 16:30 2003/06/06 16:40 2003/06/06	_	-	("5407738" "5470700" "5740500"	1	2003/06/06 14:47
3 ("4514459" "3407738" "5472798") PN.	_		6326094 HPDN		2003/06/06 14:47
0 6306529_URPN. 3 474314459" 79407738" 75472798").PN. USPAT 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 14:48 2003/06/06 16:13 2003/06/06 16:14 2003/06/06 16:1	_	_			2003/06/06 14:48
3	_	1	6306529 HRPN		2003/06/06 14:48
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Color or coloring) same reflection same interference) and (thanium with (dioxide or oxide) with anatase) and color or paint) or ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titianium with (dioxide or oxide) with anatase) and (reflection or interference) ((titianium with (dioxide or oxide) with anatase) and (reflection or interference) and ((painting or paint) or paint) or (automobile automotive motor auto) (USPAT 2003/06/06 15:33 2003/06/06 15:34 2003/06	_	I	6051513 URPN		2003/06/06 14:48
0 6335094_URPN. USPAT 2003/06/06 15:15 2003	-		("5407738" "5472798") DN		2003/06/06 14:48
648 (502/242).CCIS. 380 (502/242).CCIS. 380 (502/245).CCIS. 380	-	0			2003/06/06 14:49
380	_	648			2003/06/06 14:49
1976 (color or coloring) same reflection same interference painting or paint automotive motor auto ((color or coloring) same reflection same interference) and ((painting or paint) or (automobile automotive motor auto) ((color or coloring) same reflection same interference) and ((painting or paint) or (automobile automotive motor auto)) titanium adj dioxide ((color or coloring) same reflection same interference) and (titanium adj dioxide) ((color or coloring) same reflection same interference) and (tolor) same reflection same interference) and (color or coloring) same reflection same interference) and (interference) and (color or coloring) same reflection same interference) and (interference) and (interf	-	380			2003/06/06 15:15
1 1 1 1 2 2 2 2 2 2	-	876	(color or coloring) same reflection same		2003/06/06 15:15
S5207			interference	USPAT	2003/06/06 16:13
726566 403 403 ((color or coloring) same reflection same interference) and (titanium adj dioxide) ((color or coloring) same reflection same interference) and (titanium adj dioxide) ((color or coloring) same reflection same interference) and (titanium adj dioxide) (((color or coloring) same reflection same interference) and (titanium adj dioxide)) not (((color or coloring) same reflection same interference) and (titanium adj dioxide)) not (((color or coloring) same reflection same interference) and (titanium adj dioxide)) 2745 titanium with (dioxide or oxide) with anatase) and color) ((titanium with (dioxide or oxide) with anatase) and color) and (painting or paint) 2745 treflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide	_	95207		HGDVm	2002/06/06 17
403	_				2003/06/06 15:32
interference and ((painting or paint) or (automobile automotive motor auto)	-		((color or coloring) same reflection same		2003/06/06 15:33
Sutomobile automotive motor auto)			interference) and ((painting or paint) or	USPAT	2003/06/06 15:33
10			(automobile automotive motor autol)		
226 ((color or coloring) same reflection same interference) and (titanium adj dioxide) ((color or coloring) same reflection same interference) and (titanium adj dioxide)) not (((color or coloring) same reflection same interference) and (toloring) same reflection same interference) and ((painting or paint) or (automobile automotive motor auto))) 2745 1510 (titanium with (dioxide or oxide) with anatase) and color ((titanium with (dioxide or oxide) with anatase) and color ((titanium with (dioxide or oxide) with anatase) and color and (painting or paint) 339444 (titanium with (dioxide or oxide) with anatase) and (color) and (painting or paint) 476 ((titanium with (dioxide or oxide) with anatase) and (reflection or interference) ((titanium with (dioxide or oxide) with anatase) and (reflection or interference)) not (((titanium with (dioxide or oxide) with anatase) and color) and (painting or paint)) 10 (US-6387844-\$ or US-6326094-\$ or US-6343694-\$ or US-6343694-\$ or US-6051513-\$ or US-5407938-\$ or US-540999-\$ or US-543393-\$ or US-6326094-\$ or US-635094-\$ or US-6326094-\$ or US-635094-\$ or US-6326094-\$ or US-638784-\$ or US-6326094-\$ or US-635094-\$ or US-635094-\$ or US-635094-\$ or US-635094-\$ or US-635094-\$ or US-6306529-\$ or US-638794-\$ or US-6326094-\$ or US-6306529-\$ or US-63436-\$ or US-6326094-\$ or US-6306529-\$ or US-63436-\$ or US-6326094-\$ or US-6306529-\$ or US-632694-\$ or US-6326094-\$ or	_	46525	titanium adj dioxide	HCDATE	2002/06/06 15
Interference	-	226	((color or coloring) same reflection same		2003/06/06 15:41
1			interference) and (titanium adi dioxide)	OSTAL	2003/06/06 15:41
Interference and (titanium adj dioxide)	-	91	(((color or coloring) same reflection same	TISPAT	2003/06/06 15-41
not (((color or coloring) same reflection same interference) and ((painting or paint)) or (automobile automotive motor auto))			interference) and (titanium adi dioxide))	ODIAI	2003/06/06 15:41
Same interference) and ((painting or paint) or (automobile automotive motor auto)) 1			not (((color or coloring) same reflection		
paint) or (automobile automotive motor auto))) titanium with (dioxide or oxide) with anatase (titanium with (dioxide or oxide) with anatase) and color ((titanium with (dioxide or oxide) with anatase) and color) and (painting or paint) 339444			same interference) and ((painting or		
1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514 1510 1514			paint) or (automobile automotive motor		
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2 (("5407738") or ("6248436")).PN. 0 6248436.URPN. ("3816117" "4514459" "5407738" USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:38 USPAT 2004/02/03 15:39 USPAT 2004/02/03 15:39 USPAT 2004/02/03 15:40 USPAT 2004/02/03 15:40 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:41 USPAT 2004/02/03 15:42 USPAT 2004/02/03 15:42 USPAT 2004/02/03 15:42 USPAT 2004/02/03 15:43 USPAT 2004/02/03 15:42 USPAT 2004/02/03 15:42 USPAT 2004/02/03 15:43 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:44 USPAT 2004/02/03 15:45 USPAT 2004/02/03 15:46 USPAT 2004/02/03 15:46 USPAT 2004/02/03 15:46 USPAT 2004/02/03 15:46 USPAT 2004/02/03 15:47 USPAT 2004/02/03 15:48 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:49 USPAT 2004/02/03 15:40 USP	1			EPO; JPO;	
- 0 6248436.URPN. 7 ("3816117" "4514459" "5407738" USPAT 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:38 2004/02/03 15:39 2004/02/03 15:40 2004/02/03 15:40 2004/02/03 15:40 2004/02/03 15:40 2004/02/03 15:40 2004/02/03 15:40 2004/02/03 15:41 2004/02/03 15:41 2004/02/03 15:42 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004/02/03 2004	_		/ / !! [407720 !!]	DERWENT	
Table Tabl	_				2004/02/03 15:38
"5472798" "5638198" "5814367" "5869229").PN. "58699229").PN. USPAT 2004/02/03 15:39 ("5407738.URPN. "5407738" "5472798" "USPAT 2004/02/03 15:40 USPAT USPAT 2004/02/03 15:40 USPAT 2004/02/03 15:42 USPAT USPAT 2004/02/03 15:43 USPAT USPAT 2004/02/03 15:44 USPAT USPAT 2004/02/03 15:44 USPAT USPAT 2004/02/03 15:44 USPAT USPAT 2004/02/04 12:23 USPAT 2004/08/25 14:16 USPAT 2004/08/25 17:37 USPAT 2004/08/25 17:37 USPAT 2004/08/25 17:35 USPAT 2004/08	_	1 7 1			
13		'	"5472798" "5638198" "5914367"	USPAT	2004/02/03 15:38
- 13 5407738.URPN. ("5407738" "5472798" "5749633").PN. USPAT USPAT: "4514459" "5407738" "5472798" USPAT: U			"5869929").PN.		1
Solution State S	i –	13	5407738.URPN.	USPAT	2004/02/03 15.30
Cititanium near2 dioxide and ((("3816117" "4514459" "5407738" "5472798" "52004/02/03 15:41 "5740738. URPN. (("5407738" "5472798" "5740633").PN.))	_	3	("5407738" "5472798" "5749633").PN.		2004/02/03 15:40
"4514499" "5407738" "5472798" US-PGPUB; EPO; JPO; 5407738.URPN. (("5407738" "5869929")-PN.)	-	5	(titanium near2 dioxide) and ((("3816117"	1	2004/02/03 15:41
S407738.URPN. (("5407738" "5472798" DERWENT "5749633").PN.)			"4514459" "5407738" "5472798"		
1209		İ	"5638198" "5814367" "5869929").PN.)		
1209			"5749633") DN \\	DERWENT	
Color\$3	_	1209		HODAM	000040040
130	_	650	(anatase near2 titanium near2 dioxide) and	USPAT	2004/02/03 15:42
130		i i	color\$3	USPAI	2004/02/03 15:43
(color\$3 same (reflection interference scattering))	-	130	(anatase near2 titanium near2 dioxide) and	USPAT	2004/02/03 15:44
Scattering ("5407738") PN. ("5508489") "5523136" "55824374" "5581335" "5910256" "5951731" "6008467" ("5947738") PN. ("5629059" "5824374" "5881335" "5910256" "5951731" "6008467" ("59477074 "5951731" "6008467" ("59477074474615" "5508489" "5523136" "55824374" "5581335" "5910256" "5951731" "6008467" ("591731" "6008			(color\$3 same (reflection interference		2001/02/03 13:44
O 6248436.pn. and pigment			scattering))		
Section	_	1	("5407738").PN.	USPAT	2004/02/04 12:23
Description of the protocatalytic with material Description of the protocatalytic Description of			6248436.pn. and pigment		2004/02/04 12:23
- 422095 color photocatalytic and color USPAT 2004/08/25 14:16 USPAT 2004/08/25 14:16 USPAT 2004/08/25 14:16 USPAT 2004/08/25 14:16 USPAT 2004/08/25 14:16 USPAT 2004/08/25 17:35 USPAT 2004/08/25 17:35 USPAT 2004/08/25 17:36 USPAT 2004/08/25 17:37 2004/08/25 17					2004/08/25 14:16
The state of the s	_		-		
12424 ("216").CLAS. (titanium near3 \$30xide) or tio\$7 702 (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7 702 (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7) 189098 etch\$7 606 (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7)) and etch\$7 25 ("2751419" "4120903" "4153786" USPAT USPAT 2004/08/25 17:37 "5206075" "5322726" "538792" "5376439" "5376439" "5523136" "5530065" "55004043" "5523136" "5523136" "55824374" "5851335" "5910256" "5951731" "6008467"	_				
Table 138357 (titanium near3 \$30xide) or tio\$7 Total (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7 Total (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 189098 (class) Table 19909 (class) Table 19909 (class) Table 19909 (class) Table 18909 (class) Table 19909 (class)	-				
702 (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7) 189098 etch\$7 (("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7) and etch\$7 25 ("2751419" "4120903" "4153786" USPAT USPAT 2004/08/25 17:57 25 ("2751419" "4744615" "5072091" "5206075" "5322726" "5388792" "5376439" "5424362" "5482770" "5508489" "5523136" "5523136" "5530065" "5604043" "5629059" "5824374" "5851335" "5910256" "5951731" "6008467"	-		(titanium near3 \$3oxide) or tio\$7		
189098	-		(("216").CLAS.) and ((titanium near3		2004/08/25 17:35
- 606 ((("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7)) and etch\$7 - 25 ("2751419" "4120903" "4153786" USPAT 2004/08/25 17:57 "4568775" "4744615" "5072091" "5206075" "5322726" "5358792" "5376439" "5397613" "5414239" "5424362" "5424362" "5523136" "5523136" "5523136" "5824374" "5851335" "5910256" "5951731" "6008467"			\$3oxide) or tio\$7)		-30.,00/20 11.3/
- 606 ((("216").CLAS.) and ((titanium near3 \$30xide) or tio\$7)) and etch\$7 - 25 ("2751419" "4120903" "4153786" USPAT	-			USPAT	2004/08/25 17:37
- 25 \$30x1de) or tio\$7)) and etch\$7 USPAT 2004/08/25 17:48 4568775" "4744615" "5072091" "5206075" "5322726" "5388792" "5376439" "5424362" "5482770" "5508489" "5523136" "5530065" "5604043" "5629059" "5824374" "5851335" "5910256" "5951731" "6008467"	_	606	((("Z16").CLAS.) and ((titanium near3	USPAT	
"4568775" "4744615" "5072091" "5206075" "5322726" "5358792" "5376439" "5397613" "5414239" "5424362" "5482770" "5508489" "5523136" "5530065" "5604043" "5629059" "5824374" "5851335" "5910256" "5951731" "6008467"	_	25	930x1de) or t10\$/)) and etch\$7		
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"5376439" "5397613" "5414239" "5424362" "5482770" "5508489" "5523136" "5530065" "5604043" "5629059" "5824374" "5851335" "5910256" "5951731" "6008467"]		"5206075" "5322726" "5360702"		
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	ļ		"5629059" "5824374" "5851335"		
"6143382").PN.					
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_	924	July 1 Chillian	USPAT	2004/08/25 17:48
		F 000 acai y cic	USPAT	2004/08/25 17:57
i _	5	Tribabbacarycro and ((ZIO).(AS.)	USPAT	2004/08/25 17:58
-	421		USPAT	2004/08/25 18:09
] =	122131	("257").CLAS.	USPAT	2004/08/25 18:09
-	7036	1 () = same media \$50xide OI (10\$ /) and	USPAT	2004/08/25 18:09
		(("257").CLAS.)		10.09
-	4922	(((titanium near3 \$30xide) or tio\$7) and	USPAT	2004/00/05 10 15
		(("257").CLAS.)	OSIAI	2004/08/25 18:10
) and etch\$7		
_	124033	(("257").CLAS.) annd photocatalytic	USPAT	2004/00/05 10 10
_	19	(("257"), CLAS.) and photocatalytic	USPAT	2004/08/25 18:10
_	164930	thin near3 film	USPAT	2004/08/25 18:10
-	189059		1	2004/08/25 18:11
-	37147	("502").CLAS.	USPAT	2004/08/25 18:11
_	71		USPAT	2004/08/25 18:11
		(("502").CLAS.)	USPAT	2004/08/25 18:18
-	7	4701366.URPN.	USPAT	2004/08/25 18:13
-	1	"4407695".PN.	USPAT	2004/08/25 18:13
-	0	4710366.pn. and ((titanium near3 \$30xide)	USPAT	2004/08/25 18:14
		or tio\$7)	OSTAT	2004/08/25 18:18
_	26	, (USPAT	2004/08/25 18:20
-	4	(hideo with Itoh).in.	EPO; JPO;	2004/08/25 18:20
			DERWENT	2004/08/23 18:21
_	0	(Toyonori with Matsuda).in.	EPO; JPO;	2004/08/25 18:21
			DERWENT	2004/08/25 18:21
_	0	i () onorr wren haesuda).in.	USPAT	2004/08/25 18:21
-	31	photocatalytic same (genmanium or (silicon	USPAT	2004/08/25 18:21
	1	near2 dioxide))	OSIAI	2004/08/26 10:17
-	37147	("502").CLAS.	USPAT	2004/00/06 10 17
_	924	photocatalytic	USPAT	2004/08/26 10:17
-	2098	photocataly\$7	USPAT	2004/08/26 10:17
-	162	(("502").CLAS.) and photocataly\$7	USPAT	2004/08/26 10:17
-	164930	thin near3 film	USPAT	2004/08/26 10:21
_	189098	etch\$7	USPAT	2004/08/26 10:21
-	191027	photocataly\$7 and (thin near3 film) adn	USPAT	2004/08/26 10:21
		etcn\$/	USPAT	2004/08/26 10:21
-	125	photocataly\$7 and (thin near3 film) and	USPAT	2004/00/05 15 5
]	etch\$7	OSFAI	2004/08/26 10:30
-	8	"2729760"	DERWENT	2004/00/05 == =
	1	1979-06200B.NRAN.	DERWENT	2004/08/26 10:30
			DEKMENT	2004/08/26 10:30